



MI-CW3411

Michigan Crop Weather

August 22, 2011

Slow and Steady

Six days were suitable for fieldwork during the week ended August 21, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.47 inches to 0.51 inches in the Upper Peninsula and 0.06 to 0.70 inches in the Lower Peninsula. Temperatures were 3 degrees above normal in the Upper Peninsula and ranged from normal to 2 degrees above normal in the Lower Peninsula. A quiet week with a few scattered showers improved crop quality. “All crops look good right now,” said a reporter in Bay County.

Field Crops

Crops had some nice growing weather this week with moderate temperatures and adequate precipitation. **Corn** was looking good. The latest planted corn was past R1. Western bean cut worm populations were on the decline. **Soybean** aphid numbers in southwest Michigan fell dramatically. Natural enemies and disease were the likely cause. Soybean sudden death syndrome symptoms were beginning to develop in Ingham County. Third cutting of **alfalfa** was underway. **Dry beans** were at variable stages.

Fruit

Jersey and Rubel **blueberry** varieties were machine harvested. Early season **apple** varieties were picked. The harvest dates for major varieties will likely be about seven to ten days behind normal. European **plums** were coloring. Harvest of other varieties continued. Redhaven **peach** harvest continued in the southwest. **Pears** were 2.5 inches in the south. The Niagara **grape** harvest was predicted to start September 16; the Concord harvest was forecast to begin about 16 days later. Fall **raspberry** harvest continued.

Vegetables

Moderate temperatures and some light rain were appreciated by a variety of vegetable growers this past week. **Carrot** harvest continued in eastern counties. Disease pressure has abated somewhat due to cooler nights. **Pepper** and **tomato** harvest was well underway. Bacterial spot continued to be a concern. Reports from tomato growers vary from fair to good. A small amount of the **onion** crop has been harvested. Purple blotch, stemphyllium leaf blight, and bacterial soft rot were the most frequently mentioned disease struggles. In West Central Michigan, **celery** harvest was around fifty percent complete. Early blight has been the major foliar disease issue. Disease pressure remained high in **vine crops**. Powdery mildew was a concern and was present in particular fields. In the Grand Rapids area, growers reported a favorable **melon** crop. **Sweet corn** harvest continued at a vigorous pace. **Cabbage** harvest was approximately half complete.

Soil moisture for week ending 08/21/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	4	19	68	9
Subsoil	4	22	68	6

Crop condition for week ending 08/21/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	2	8	23	52	15
Barley	0	13	45	39	3
Corn	3	10	23	48	16
Dry beans	7	10	30	36	17
Oats	1	8	39	44	8
Pasture	6	12	32	39	11
Soybeans	3	7	24	51	15

Crop progress for week ending 08/21/11

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, second cutting	87	83	90	78
Barley, harvested	69	62	97	19
Blueberries, harvested	85	78	91	80
Corn, silked	98	96	100	99
Corn, dough	58	34	85	70
Dry beans, blooming	100	97	98	98
Dry beans, setting pods	97	84	89	88
Oats, turning yellow	98	96	100	100
Oats, harvested	78	56	96	87
Peaches, harvested	40	35	69	49
Soybeans, blooming	100	96	98	98
Soybeans, setting pods	91	67	96	91
Tart cherries, harvested	100	96	100	100
Winter wheat, harvested	99	96	100	73

Michigan Weather Summary for Week Ending 08/21/11 ¹												
Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	83	48		1,659	1,803		0.41	0.64	2.27	13.26		
Marquette	84	51		1,606	1,759		0.28	0.47	1.82	13.82		
Stephenson	88	47		1,771	2,059		0.91	0.92	2.09	12.77		
Western UP	88	44	3	1,630	1,812	1,497	0.47	0.59	2.08	12.72	14.97	3.69
Cornell	92	47		1,744	1,970		0.34	0.51	1.66	11.45		
Sault St Marie	83	53		1,612	1,845		1.46	2.52	3.80	18.49		
Eastern UP	92	42	3	1,578	1,789	1,303	0.51	0.97	2.08	14.63	14.08	3.53
Beulah	82	55		1,946	2,160		0.00	0.48	2.58	19.55		
Lake City	84	48		1,853	2,045		0.04	1.22	3.27	18.28		
Old Mission	84	50		1,800	2,073		0.24	1.77	2.68	14.24		
Pellston	84	44		1,737	1,962		0.04	0.93	2.21	15.51		
Northwest	84	44	2	1,800	2,015	1,688	0.06	1.10	2.50	15.89	13.27	3.11
Alpena	84	53		1,759	2,002		0.16	2.36	3.74	19.25		
Houghton Lake	83	47		1,960	2,153		0.01	1.49	1.88	16.08		
Rogers City	85	55		1,634	1,879		0.00	1.05	1.36	13.58		
Northeast	85	47	2	1,808	2,044	1,638	0.09	1.65	2.41	16.52	13.32	3.12
Fremont	83	52		2,078	2,315		0.07	0.34	1.69	15.74		
Hart	83	50		1,960	2,218		0.23	1.32	2.79	14.47		
Muskegon	84	58		2,275	2,512		0.13	4.45	7.92	20.23		
West Central	84	48	1	2,043	2,308	1,843	0.13	1.78	3.75	17.18	13.70	3.60
Alma	83	54		2,075	2,393		1.20	3.88	9.09	23.67		
Big Rapids	84	52		1,966	2,240		0.44	2.23	8.76	25.77		
Central	84	52	1	2,041	2,306	1,915	0.55	2.47	7.31	20.45	14.55	3.64
Bad Axe	85	53		1,994	2,251		1.36	2.10	5.04	21.01		
Pigeon	82	51		1,978	2,224		0.24	2.19	4.11	16.56		
Saginaw	84	56		2,229	2,494		0.89	2.41	3.78	19.51		
Standish	84	51		1,909	2,177		0.25	3.58	5.50	21.21		
East Central	85	51	1	1,986	2,285	1,905	0.70	2.46	4.90	19.82	13.15	2.93
Fennville	86	53		2,108	2,371		0.85	1.39	4.75	20.69		
Grand Rapids	85	59		2,378	2,619		0.58	2.29	8.92	26.03		
Holland	81	56		3,125	2,581		0.03	1.30	9.37	27.28		
South Bend, IN	88	56		2,487	2,648		0.39	1.01	2.67	24.50		
Watervliet	86	56		2,283	2,523		0.55	1.51	5.16	22.14		
Southwest	88	50	0	2,321	2,512	2,069	0.44	1.55	5.35	22.68	15.25	3.18
Belding	86	50		2,085	2,323		0.34	3.40	7.45	21.57		
Coldwater	89	51		2,326	2,540		0.03	0.27	3.37	15.54		
Lansing	84	55		2,258	2,537		0.35	1.36	5.98	21.48		
South Central	89	49	0	2,184	2,446	2,045	0.36	1.51	6.26	21.50	15.27	3.36
Detroit	86	59		2,506	2,722		0.15	1.02	6.21	21.36		
Flint	86	53		2,306	2,508		0.34	1.05	7.41	23.55		
Romeo	88	57		2,200	2,402		0.81	1.62	3.92	18.81		
Tipton	86	57		2,302	2,464		0.03	1.11	4.46	19.52		
Toledo, OH	85	55		2,326	2,720		0.43	1.50	4.80	18.39		
Southeast	89	49	1	2,285	2,547	2,033	0.41	1.53	5.26	18.96	14.69	3.12

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.